

FORM PTO-1390 (Modified)
(REV 11-2000)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

SING C10804

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

09/937652INTERNATIONAL APPLICATION NO.
PCT/JP99/06546INTERNATIONAL FILING DATE
24.11.99 (November 24, 1999)PRIORITY DATE CLAIMED
29.03.99 (March 29, 1999)

TITLE OF INVENTION

Hydrogen Storage Metal Alloy, Method for Absorption and Release of Hydrogen Using the Said Alloy and Hydrogen Battery Using the Said Method

APPLICANT(S) FOR DO/EO/US

OKADA, Masuo; KURIHWA, Takahiro

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
 - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
- ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
- ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☒ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 20 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A change of power of attorney and/or address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
20. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
22. ☒ Certificate of Mailing by Express Mail
23. ☒ Other items or information:

1. Article 34 Amendment with English translation of Figures 5 and 20

2. Form PCT/IB/306

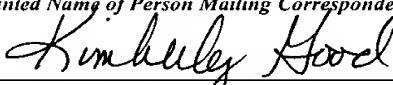
U.S. APPLICATION NO. (IF KNOWN, 37 CFR 1.53) <div style="font-size: 24pt; font-weight: bold;">09/937032</div>	INTERNATIONAL APPLICATION NO. (37 CFR 1.53) <div style="font-weight: bold;">PCT/JP99/06546</div>	ATTORNEY'S DOCKET NUMBER <div style="font-weight: bold;">SHIG C10804</div>
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24. The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) : <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1000.00 <input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$860.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$710.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$690.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00 <div style="text-align: right; font-weight: bold;">ENTER APPROPRIATE BASIC FEE AMOUNT =</div>				CALCULATIONS PTO USE ONLY <div style="border: 1px solid black; height: 100px; width: 100%;"></div>	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				<div style="border: 1px solid black; width: 100%; height: 20px; background-color: white;"></div>	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	16 - 20 =	0	x \$18.00	\$0.00	
Independent claims	3 - 3 =	0	x \$80.00	\$0.00	
Multiple Dependent Claims (check if applicable). <input type="checkbox"/>				\$0.00	
TOTAL OF ABOVE CALCULATIONS =				\$860.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. (See 37 CFR 1.27). The fees indicated above are reduced by 1/2.				\$430.00	
SUBTOTAL =				\$430.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				\$0.00	
TOTAL NATIONAL FEE =				\$430.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). <input checked="" type="checkbox"/>				\$40.00	
TOTAL FEES ENCLOSED =				\$470.00	
				Amount to be: refunded	\$
				charged	\$

- a. ☐ A check in the amount of _____ to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 08-1391 A duplicate copy of this sheet is enclosed.
- d. ☒ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO: <div style="border: 1px solid black; padding: 5px;"> Norman P. Soloway Hayes, Soloway, Hennessey, Grossman & Hage, P.C. 130 W. Cushing Street Tucson, AZ 85701 </div>	<div style="text-align: center;"> SIGNATURE </div> <div style="text-align: center; margin-top: 10px;"> NORMAN P. SOLOWAY NAME </div> <div style="text-align: center; margin-top: 10px;"> 24,315 REGISTRATION NUMBER </div> <div style="text-align: center; margin-top: 10px;"> SEPTEMBER 27, 2001 DATE </div>
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CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10) Applicant(s): OKADA ET AL.			Docket No. SHIG C10804
Serial No.	Filing Date SEPTEMBER 27, 2001	Examiner	Group Art Unit
Invention: Hydrogen Storage Metal Alloy, Method for Absorption and Release of Hydrogen Using the Said Alloy and Hydrogen Battery Using the Said Method			
<p>I hereby certify that the following correspondence:</p> <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%; text-align: center;"> US NATIONAL STAGE APPLICATION </div> <p style="text-align: center; font-size: small;"><i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231</p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 30%;"> <p>SEPTEMBER 27, 2001</p> <p style="font-size: x-small;"><i>(Date)</i></p> </div> <div style="width: 60%; text-align: center;"> <p>KIMBERLY GOOD</p> <p style="font-size: x-small;"><i>(Typed or Printed Name of Person Mailing Correspondence)</i></p> <div style="margin: 5px 0;">  </div> <p style="font-size: x-small;"><i>(Signature of Person Mailing Correspondence)</i></p> <p>EF408018595US</p> <p style="font-size: x-small;"><i>("Express Mail" Mailing Label Number)</i></p> </div> </div>			
<p>Note: Each paper must have its own certificate of mailing.</p>			

09/937652

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re US Appln of: OKADA et al

Corresponding to: PCT/JP99/06546

For: HYDROGEN STORAGE METAL ALLOY, METHOD FOR ABSORPTION
AND RELEASE OF HYDROGEN USING THE SAID ALLOY AND
HYDROGEN FUEL BATTERY USING THE SAID METHOD

VERIFICATION OF TRANSLATION

Assistant Commissioner of Patents & Trademarks
Washington, DC 20231

Dear Sirs:

The undersigned hereby certifies that I am conversant in both Japanese and English languages, that I have prepared the attached English translation of the above identified Japanese text PCT Application, and that the English translation of the above identified Japanese text PCT Application.

I further declare that all statements made of my own knowledge are true and that all statements made on information and belief are with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 USC § 1001, and that such false statements may jeopardize the validity of the application or any patent issuing therefrom.

Date Sept. 12, 2001Signature Hideo ShimizuTyped Name Hideo SHIMIZU

Address 3-19-16, Nishiochiai, Shinjuku-ku,
Tokyo 161-0031 JAPAN